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ABSTRACT

The invention relates to a set of resonators integrated in a single-crystal silicon substrate (1) and intended
5 to allow the production of a temperature stable time base, and comprises at least a first (2) and a second (3) resonators designed to oscillate in modes of different type and with dimensions such that at least the first thermal coefficient α of their frequency
10 difference is equal or close to zero. The second thermal coefficient β may also be highly reduced.

Figure for abstract: Fig. 1